

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Canceled):

Claim 2 (Previously Presented): The computer peripheral of claim 22 or claim 27 in which a trajectory associated with the input results in maximum speed of paper advance subject to acoustic noise, structural vibration, and motion constraints.

Claim 3 (Canceled).

Claim 4 (Previously Presented): The computer peripheral of claim 22 or claim 27 wherein a trajectory of the electromechanical mechanism associated with the input, results in vibration-reduced operation of paper advance.

Claim 5 (Canceled).

Claim 6 (Previously Presented): The computer peripheral of claim 22 or claim 27 further comprising a sensor responsive to the dynamic response of the peripheral.

Claim 7 (Previously Presented): The computer peripheral of claim 6 wherein the sensor is an accelerometer.

Claim 8 (Previously Presented): The computer peripheral of claim 6 wherein the sensor is a microphone.

Claim 9 (Previously Presented): The computer peripheral of claim 6 wherein an output from the sensor is used in the construction of the input.

Claim 10 (Previously Presented): The computer peripheral of claim 22 or claim 27 wherein the peripheral is a printer.

Claim 11 (Previously Presented): The computer peripheral of claim 22 or claim 27 wherein the peripheral is a scanner.

Claim 12 (Previously Presented): The computer peripheral of claim 22 or claim 27 further comprising a user interface.

Claim 13 (Currently Amended): The computer peripheral of claim 22 or claim 27 wherein ~~the input is further constructed to~~ increasing speed of the advancement of the paper decreases reduction of the acoustic noise ~~increase speed, decrease noise, or increase speed~~ ~~and decrease noise in combination to lesser degrees than either individually.~~

Claims 14-16 (Canceled).

Claim 17 (Previously Presented): The computer peripheral of claim 12 wherein the peripheral is a printer.

Claim 18 (Previously Presented): The computer peripheral of claim 12 wherein the peripheral is a scanner.

Claims 19-20 (Canceled):

Claim 21 (Previously Presented): The computer peripheral of claim 22 or claim 27, further comprising a user control configured to tune the computer peripheral to its environment.

Claim 22 (Previously Presented): A computer peripheral, comprising:  
an electromechanical mechanism configured to advance paper during a print operation; and  
an input to an actuator of the electromechanical mechanism constructed based on acoustic frequencies of the paper, the acoustic frequencies of the paper being associated with acoustic noise generated by advancement of the paper by the electromechanical mechanism, to reduce the acoustic noise generated by the advancement of the paper.

Claim 23 (Previously Presented) The computer peripheral of claim 22 or claim 27, wherein the acoustic frequencies of the paper are changed based on a characteristic of the paper specified by a user or detected by the computer peripheral.

Claim 24 (Previously Presented) The computer peripheral of claim 21, wherein the peripheral is operated on a table and the user control includes a mechanism to designate a characteristic of the table.

Claim 25 (Previously Presented) The computer peripheral of claim 21, wherein the user control includes a mechanism to specify a characteristic of the paper.

Claim 26 (Currently Amended) The computer peripheral of claim 13, wherein the peripheral includes a user control ~~which enables selection of~~ to select a [[the]] increase in speed of the advancement of the paper, the decrease in noise, or the combination.

Claim 27 (Previously Presented): A computer peripheral, comprising:  
an electromechanical mechanism configured to advance paper during a print operation; and  
an input to a controller of the electromechanical mechanism constructed based on acoustic frequencies of the paper, the acoustic frequencies of the paper being associated with acoustic noise generated by advancement of the paper by the electromechanical mechanism, to reduce the acoustic noise generated by the advancement of the paper.

Claim 28 (Previously Presented): The computer peripheral of claim 22 or claim 27 further comprising a means for a user to interface with the computer peripheral.